HARSH AGRAWAL

+91 871-907-0369 | agrawalharsh831@gmail.com | linkedin.com/in/Harsh-Agrawal123 |
github.com/Harsh-agrawal369

EDUCATION

Vellore Institute of Technology   Tamil Nadu, India
Bachelor of Technology in Information Technology **CGPA: 9.26***   *2021 – 2025*
Sanskar VidhyaPeeth School   Harda, India
Senior Secondary Education CBSE (XII) **Percentage: 91%**   *2021*
St' Mary's co-ed School   Harda, India
Higher Secondary Education CBSE (X) **Percentage: 95%**   *2019*

TECHNICAL SKILLS

Languages: Java, Python, C/C++, Javascript, SQL (MySQL), R, HTML/CSS
Frameworks: Node.JS, React, Streamlit
Databases: MySQL, MongoDB
others: Data Visualization, Machine Learning (Predictive, clustering), Software Engineering, Git, AWS, Docker

EXPERIENCE

Web Development Intern   september 2023
Certainty Infotech Pvt. Ltd.   *Indore*

- Developed static pages for Bakery using React.js, ensuring a visually appealing and user-friendly interface.
- Developed a comprehensive Authentication system with user authentication, password management (including email reset), and Google OAuth integration.
- Utilized Node.js and MongoDB to craft efficient APIs for login, sign up, password management, and jwt token-based authentication, bolstering system security and user satisfaction.

Tech: *Javascript, React.JS, Prisma (ORM), Node.js, MongoDB, Docker, GIT*

PERSONAL PROJECTS

Travel Buddy Finder — GitHub — Deployment   September 2023

- A platform for college students, enabling cost-saving cab sharing and finding travelmate during vacations
- Seamlessly integrated strong authentication using nodemailer, Google-O-Auth2, and JWT tokens, prioritizing security and user verification.
- Implemented CRUD operations for travel requests, ensuring seamless data management and user interactions.

Tech: *Ejs, CSS, Bootstrap, JavaScript, Node.js, Express.js, MongoDB, GIT*

Movie Recommender System — GitHub — Deployment   October 2023

- Developed a Movie Recommender System using ML vectorization techniques for personalized movie suggestions. The system, with a front end built on streamlit.io, analyses user preferences to recommend similar films.
- Used Python for thorough data visualization and cleaning, ensuring reliable analysis and precise movie recommendations.

Tech: *python (Numpy, Pandas, scikit learn) , Machine Learning (Vectorization), Matplotlib, Streamlit.io, GIT*

ACHIEVEMENTS

- Presented a research paper on "Digital Forensic Analysis" at IEEE ic-ETITE'24 conference — Certificate
- Secured third place in a hackathon by SITE School Vit and Maltego Technologies Germany, showcasing cyber security and forensic analysis skills — Certificate

RELEVANT COURSES

- Artificial Intelligence and Machine Learning with *SmartInternz* — Certificate — GitHub
- Ultimate AWS Developer Associate by *Stephane Maarek* — Certificate